

WHAT IS CLAIMED IS:

1. A glass for covering electrodes, which consists essentially of, as represented by mass percentage based on the following oxides, from 35 to 55% of PbO, from 15
5 to 30% of B₂O₃, from 4 to 15% of SiO₂, from 20 to 44% of B₂O₃+SiO₂, from 0.5 to 10% of TiO₂+ZrO₂+La₂O₃+Ta₂O₅, from 0 to 15% of Al₂O₃, from 0 to 25% of BaO, from 0 to 1% of CuO and from 0 to 1% of CeO₂.
2. The glass for covering electrodes according to Claim
10 1, wherein the content of Al₂O₃ is from 1 to 10%, and the content of BaO is from 12 to 20%.
3. The glass for covering electrodes according to Claim 1, wherein CuO is contained, and the content of TiO₂ is from 0 to 4.5%.
- 15 4. The glass for covering electrodes according to Claim 1, which has a softening point of from 520 to 650°C.
5. A colored powder for covering electrodes, which comprises a powder of the glass for covering electrodes as defined in Claim 1 and a pigment.
- 20 6. A process for producing a plasma display device, wherein covering of transparent electrodes formed on a glass substrate constituting a front substrate, is carried out by coating and firing a powder of the glass for covering electrodes as defined in Claim 1, to cover
25 the electrodes.
7. A process for producing a plasma display device, wherein covering of transparent electrodes formed on a

glass substrate constituting a front substrate, is carried out by coating and firing the colored powder for covering electrodes as defined in Claim 5, to cover the electrodes.

- 5 8. A plasma display device comprising a glass substrate constituting a front substrate and transparent electrodes formed on the glass substrate, wherein the transparent electrodes are covered by the glass for covering electrodes as defined in Claim 1.